Online Data Supplement Table 1. Differences in measures of subclinical atherosclerosis in the carotid, peripheral and coronary vascular beds by airflow obstruction, stratified by smoking history.

	Airflow Obstruction Among Smokers				P-trend
	None	**Mild**	**Moderate**	**Severe**	
	(n=1536)	(n=172)	(n=99)	(n=47)	
Intima Medial Thickness, Internal Carotid (mm)					
Median value	0.87	0.93	1.06	1.29	<0.001
Age-sex-adjusted mean difference	0	0.087	0.178	0.201	<0.001
Multivariate mean difference	0	0.060	0.123	0.158	0.005
Intima Medial Thickness, Common Carotid (mm)					
Median value	0.84	0.89	0.92	0.91	0.002
Age-sex-adjusted mean difference	0	0.020	0.056	0.041	<0.001
Multivariate mean difference	0	0.023	0.044	0.033	0.005
Ankle-Brachial Index					
Median value	1.13	1.11	1.10	1.09	<0.001
Age-sex-adjusted mean difference	0	-0.021	-0.029	-0.054	<0.001
Multivariate mean difference	0	-0.002	-0.014	-0.023	0.07
Presence of Coronary Artery Calcium					
Prevalence (%)	50.8	54.6	52.5	61.7	0.14
Age-sex-adjusted prevalence ratio	1.00	1.08	1.03	0.96	0.85
Multivariate prevalence ratio	1.00	0.99	0.98	0.98	0.56
Mean Agatston Score*					
Median value	95.4	68.2	84.4	128	0.75
Age-sex-adjusted mean difference	0	-11.8	-6.8	4.5	0.60
Multivariate mean difference	0	-7.3	-5.8	12.9	0.91

	Airflow Obstruction Among Never Smokers				
	None	**Mild**	**Moderate**	**Severe**	**P-trend**
	(n=1528)	(n=103)	(n=24)	(n=5)	
Intima Medial Thickness, Internal Carotid (mm)					
Median value	0.78	0.83	0.74	0.74	0.23
Age-sex-adjusted mean difference	0	-0.005	0.003	-0.056	0.87
Multivariate mean difference	0	0.004	0.002	0.035	0.89
Intima Medial Thickness, Common Carotid (mm)					
Median value	0.81	0.83	0.83	0.74	0.27
Age-sex-adjusted mean difference	0	0.004	-0.010	-0.124	0.40
Multivariate mean difference	0	0.007	-0.031	-0.120	0.25
Ankle-Brachial Index					
Median value	1.12	1.14	1.10	1.18	0.39
Age-sex-adjusted mean difference	0	0.006	-0.001	0.130	0.11
Multivariate mean difference	0	0.007	-0.006	0.130	0.11
Presence of Coronary Artery Calcium					
Prevalence (%)	39.7	45.6	41.7	40.0	0.38
Age-sex-adjusted prevalence ratio	1	1.03	0.94	1.18	0.90
Multivariate prevalence ratio	1	1.00	0.98	0.97	0.83
Mean Agatston Score*					
Median value	55.1	81.5	14.3	164	0.42
Age-sex-adjusted mean difference	0	5.8	-22.2	29.4	0.47
Multivariate mean difference	0	5.5	-18.2	-5.0	0.58

* Among participants with detectable coronary artery calcium

Multivariate models adjusted for age, gender, race/ethnicity, smoking status, pack-years, urine cotinine, educational attainment, diabetes mellitus, fasting plasma glucose, height, body mass index, hypertension, systolic and diastolic blood pressure, LDL, HDL, statin use and C-reactive protein.